# CONSTRUCTION & DEMOLITION DEBRIS DIVERSION REFERENCE MANUAL



# BUILDING DIVISION COMMUNITY DEVELOPMENT DEPARTMENT



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#### **BACKGROUND**

Through recovery of materials and source-reduction activities, the C&D debris ordinance establishes recycling standards and requires developers and builders to incorporate these standards into their projects' construction process.

The construction waste ordinance was originally added to the City of Burbank Municipal Code by Ordinance No. 3652, effective 11/20/04, as a companion project to the Green Building Program. The ordinance was amended effective July 1, 2007, and is now mandatory for applicable projects.

# WHAT ARE CONSTRUCTION AND DEMOLITION MATERIALS?

C&D MATERIALS					
Materials	Materials Components				
• Wood	<ul> <li>Lumber, plywood, scraps, laminates (no pressure-treated wood)</li> </ul>				
<ul><li>Drywall</li></ul>	Sheetrock, gypsum, plaster				
<ul><li>Metals</li></ul>	<ul> <li>Pipes, rebar, flashing, steel, aluminum, copper, brass, stainless steel</li> </ul>				
<ul> <li>Plastics</li> </ul>	<ul> <li>Vinyl siding, doors, windows, floor tiles, pipes</li> </ul>				
<ul> <li>Roofing</li> </ul>	Asphalt & wood shingles, slate, tile, roofing felt				
Rubble	Asphalt, concrete, cinder block				
Brick	Bricks and decorative blocks				
Glass	Windows, mirrors, lights				
<ul> <li>Miscellaneous</li> </ul>	Carpeting, fixtures, insulation, ceramic tile				

Inert materials removed from the project site such as dirt, natural soil and gravel do not have to be recycled and are not included in the required recycling tonnage.

#### AFFECTED PROJECTS

The mandatory ordinance requires residential and non-residential new construction, additions, remodels, renovation, tenant improvements and alteration projects 500 square feet or more in total scope of work to recycle 50% of construction and demolition debris. In addition, all demolition projects and re-roofs (overlays exempted) regardless of size will have to recycle 50% of debris. The debris can be taken to a recycling facility or a waste hauling service that recycles C&D materials can be hired to transport it. The goal of the ordinance is to divert the debris away from the landfills. Names of recycling centers are provided on pages 5-7 of this manual.

Summary of projects affected by this mandatory ordinance:

- · All residential and non-residential re-roofs (overlays exempted)
- · All residential and non-residential demolitions
- The following residential and non-residential projects at least 500 square feet in scope of work:

**New Construction** 

Additions

Alterations

Remodels

Renovation

**Tenant Improvements** 

**EXAMPLE 1**: If the project includes a 250-square-foot addition and renovation of 250 square feet of the existing building, it is an affected project and therefore 50% of the debris must be taken to a recycling facility.

**EXAMPLE 2**: A report by the National Association of Home Builders estimates a typical new 2,000-square-foot single-family home produces 50 cubic yards, or four tons, of debris. This project would qualify as an affected project and would have to recycle 50%, or two tons, of debris

#### **COMPLIANCE**

Diversion of debris to a recycling facility does not require an additional step by the contractor or homeowner/builder. The difference is where the debris is hauled – to a recycling facility instead of a landfill.

The same methods of collection or containment that are used for waste disposal can be used for recycling. Typically a bin from a waste hauling company is rented to contain and transport the debris from the job site. Many of the waste haulers licensed to do business in the City already recycle the C&D debris they transport because they find it a savings to do so. Using one of the waste haulers that already recycles debris is an acceptable method of meeting the requirements of the ordinance. A list of waste haulers can be found on page 7.

Sorting the waste into different types of materials is not required or necessary to recycle. The debris can be taken to one of three local Material Recovery Facilities (MRFs) that accept and sort co-mingled debris. By pre-sorting the debris, however, the contractor or homeowner could get money back from the recycling facility. A complete list of recycling facilities and MRFs can be found on pages 5-7.

#### **CALCULATION OF DEPOSIT**

The amount of the refundable deposit is based on the total tonnage of debris generated. In a report entitled "Characterization of Building-Related Construction and Demolition Debris in the United States," the U.S. Environmental Protection Agency determined a pounds/square foot debris generation rate for the major types of construction and demolition projects.

This chart below illustrates the typical amount of construction debris created in pounds per square foot for the most common types of residential and non-residential projects.

ESTIMATED DEBRIS GENERATION (LBS/SF)						
	NEW	DEMOLITION	RENOVATION			
RESIDENTIAL	4.5	115.0	24.0			
COMMERCIAL	4.0	155.0	3.0 - Medical Office			
			5.0 - Tenant Improvement			
			10.0 - Retail Space			
	SHINGLES ONLY		SHINGLES & SHEATHING			
REROOFS	2.5		5.0			

The deposit amount will start at \$250 for the first ton and \$50 for each additional ton, with a cap of \$1,000 for residential and \$5,000 for non-residential projects. An administrative fee amount of \$50 will be collected with the deposit and is non-refundable.

The following schedule lists the deposit information:

		DEPOSIT	
RESIDENTIAL	1st Ton \$250	Ea. Add'l Ton \$50	Max. Deposit \$1,000
COMMERCIAL	\$250	\$50	\$5,000

The following are two examples of how the refundable deposit is calculated. Staff will assist the applicant with calculating the deposit.

**EXAMPLE 1**: To calculate the deposit amount for a 500-square-foot residential addition, multiply 500 sf by 4.5 lbs/sf, the value for new residential construction from the first table above. The product of this is 2,250 lbs. Rounding down to one whole ton (2,000 lbs.), the total deposit amount for this particular project is \$250, for the first whole ton.

**EXAMPLE 2**: To calculate the deposit amount for a 3,000-square-foot tenant improvement, multiply 3,000 sf by 5.0 lbs/sf, the value for a Tenant Improvement from the first table above. The product of this is 15,000 lbs or 7.5 tons. Rounding down to 7 whole tons, the deposit for the first ton is \$250 plus \$50/ton for each of the 6 additional tons. The total deposit for this particular project is \$250 plus \$300 = \$550.

### RECYCLERS IN THE BURBANK AREA

The following list is reprinted from the California Integrated Waste Management Board website: <a href="https://www.ciwmb.ca.gov/ConDemo/Recyclers/Default.asp">www.ciwmb.ca.gov/ConDemo/Recyclers/Default.asp</a>. The website provides a searchable database by county and material for C&D recyclers. All sites listed were chosen from the Glendale – San Fernando Valley area when available. When sites are not listed for these areas, the closest recyclers have been listed.

This list is a sampling of facilities in the area and is for information purposes only. The City is not endorsing or recommending any of the listed providers. If you are a licensed recycling business and would like to be listed, please contact the Building Division.

ACILITY CONTACT INFORMATION			
ASPHALT PAVING, CONCRETE	<u> </u>		
Looney Bins Inc. 11616 Sheldon St., Sun Valley, 91352	(818) 252-0019 Rudy Melendrez rudy@looneybins.com		
Newman and Sons, Inc. 9005 Bradley Ave., Sun Valley, 91352	(818) 767-0700 (818) 767-0224 www.newmanandsons.com		
Recycled Base Materials, Inc. Valley Base Materials 8960 Bradley, Sun Valley	(818) 767-3088 valleybase@aol.com		
AMH Recycling Sun Valley	(818) 652-0540		
Community Recycling/Resource Recovery 9147 DeGarmo Ave., Sun Valley	(818) 767-7511 www.communityrecycling.net		
BRICK	1 (040) 050 0040		
Looney Bins Inc. 11616 Sheldon St., Sun Valley, 91352	(818) 252-0019 Rudy Melendrez rudy@looneybins.com		
Community Recycling/Resource Recovery 9147 DeGarmo Ave., Sun Valley	(818) 767-7511 www.communityrecycling.net		
Downtown Diversion 2424 E Olympic Blvd., Bldg.#3, Los Angeles, 90021	(213) 612-5005 www.downtowndiversion.com		
AMH Recycling Sun Valley	(818) 652-0540		
Habitat for Humanity Home Improvement Store	www.shophabitat.com		
CARPET, PADDING			
L.A. Fiber Co. 5190 Santa Fe Avenue, Vernon, CA 90058	(323)589-5637 (323)588-0424 fax www.lafiber.com		
Dupont Carpet Reclamation/Recycle Center Van Nuys	(818) 374-5200 www.flooring.dupont.com		
Community Recycling/Resource Recovery 9147 DeGarmo Ave., Sun Valley	(818) 767-7511 www.communityrecycling.net		
CONCRETE - SEE ASPHALT			
CARDBOARD			
Looney Bins Inc. 11616 Sheldon St., Sun Valley, 91352	(818) 252-0019 Rudy Melendrez <u>rudy@looneybins.com</u>		
Community Recycling/Resource Recovery	(818) 767-7511		

9147 DeGarmo Ave., Sun Valley	www.communityrecycling.net		
Downtown Diversion	(213) 612-5005		
2424 E Olympic Blvd., Bldg.#3, Los Angeles, 90021	www.downtowndiversion.com		
Active Recycling	(323) 221-2555		
5601 E. Valley Blvd., Los Angeles			
DRYWALL			
Looney Bins Inc.	(818) 252-0019		
11616 Sheldon St., Sun Valley, 91352	Rudy Melendrez		
•	rudy@looneybins.com		
Community Recycling/Resource Recovery	(818) 767-7511		
9147 DeGarmo Ave., Sun Valley	www.communityrecycling.net		
Downtown Diversion	(213) 612-5005		
2424 E Olympic Blvd., Bldg.#3, Los Angeles, 90021	www.downtowndiversion.com		
FLOORING	·		
Habitat for Humanity Home Improvement Stores	www.shophabitat.com		
Community Recycling/Resource Recovery	(818) 767-7511		
9147 DeGarmo Ave., Sun Valley	www.communityrecycling.net		
GLASS			
Community Recycling/Resource Recovery	(818) 767-7511		
9147 DeGarmo Ave., Sun Valley	www.communityrecycling.net		
GRAVEL	<u> </u>		
Looney Bins Inc.	(818) 252-0019		
11616 Sheldon St., Sun Valley, 91352	Rudy Melendrez		
Troto dileidori di., dari valley, di todz	rudy@looneybins.com		
METALS	rady @ toon cysmic.com		
A-1 Metals Recycling	(818) 767-4388		
7. Tiviotalo recoyoling	a1metals@aol.com		
Kramar's Iron & Metal Incorporated	(818) 767-4303		
Sun Valley	www.kramarmetals.com		
Kramer Metals	www.kramermetals.com		
Los Angeles	(323)587-2277		
Looney Bins Inc.	(818) 767-4303		
11616 Sheldon St., Sun Valley, 91352	kimco@sbcglobal.net		
Valley Iron & Metal Co.	(818) 767-5022		
9754 San Fernando Rd, Sun Valley, 91352	(,		
PALLETS	-		
Arnie's Supply Service	(323) 263-1696		
1541 N. Ditman Ave., Los Angeles	(020) 200 1000		
PLASTICS	L		
Master Recycling Co	(626) 442 4242		
2845 Durfee Ave., El Monte 91723	(626) 442-4242		
Active Recycling	(323) 221-2555		
5601 E. Valley Blvd., Los Angeles	(323) 221-2333		
ROCK	I		
	(818) 767 0700		
Newman and Sons, Inc.	(818) 767-0700		
9005 Bradley Ave., Sun Valley, 91352	(818) 767-0224 www.newmanandsons.com		
ROOFING	<u>www.newmananusons.com</u>		
	010 705 0000		
Active Recycling Co.	818-785-0600		
14300 Bessemer St., Van Nuys	www.activelosangeles.com		

Community Recycling/Resource Recovery	(818) 767-7511
9147 DeGarmo Ave., Sun Valley	www.communityrecycling.net
SAND	
Newman and Sons, Inc.	(818) 767-0700
9005 Bradley Ave., Sun Valley, 91352	(818) 767-0224
	www.newmanandsons.com
SOIL	
Looney Bins Inc.	(818) 252-0019
11616 Sheldon St., Sun Valley, 91352	Rudy Melendrez
	rudy@looneybins.com
WOOD	
Community Recycling/Resource Recovery	(818) 767-7511
9147 DeGarmo Ave., Sun Valley	www.communityrecycling.net
Looney Bins Inc.	(818) 252-0019
11616 Sheldon St., Sun Valley, 91352	Rudy Melendrez
	rudy@looneybins.com
Downtown Diversion	(213) 612-5005
2424 E Olympic Blvd., Bldg.#3, Los Angeles, 90021	www.downtowndiversion.com

#### WASTE HAULERS THAT RECYCLE C&D DEBRIS

The recycling requirement can be fulfilled by utilizing a licensed waste hauling service that recycles the mixed C&D debris. The following is a list of licensed waste haulers that recycle:

(The City is not endorsing or recommending any of the listed providers. If you are a licensed recycling business and would like to be listed, please contact the Building Division.)

Athens Services www.AthensServices.com	Sun Valley	(888) 336-6100
BFI Waste Systems	Sun Valley	(888) 742-5234
Frank's Disposal	Sun Valley	(818) 352-5001
Looney Bins Inc. www.looneybins.com	Sun Valley	(818) 768-7197 rudy@looneybins.com
Metropolis Disposal		(818) 901-2020
Southland Disposal		(818) 500-4884
Crown Disposal	Sun Valley	(818) 767-0675

#### **LOCAL MRFs (FOR MIXED WASTE DEBRIS):**

- Downtown Diversion 2424 E Olympic Blvd., Bldg.#3, LA 90021, (213) 612-5005, www.downtowndiversion.com
- Community Recycling & Resource Recovery, 9147 DeGarmo Av., Sun Valley, (818) 767-6000, <a href="https://www.communityrecycling.net">www.communityrecycling.net</a>
- Looney Bins, Inc., 11616 Sheldon St., Sun Valley, (818) 252-0019, www.looneybins.com
- Athens Sun Valley MRF 11121 Pendleton St., Sun Valley 91352, (888) 336-6100 www.AthensServices.com

#### **RESOURCES**

The BURBANK RECYCLE CENTER accepts (but does not pay for) scrap metal, mixed waste plastics and mixed waste paper. The Center accepts and pays for cardboard. Please call the Recycle Center at (818) 238-3900.

HAZARDOUS/UNIVERSAL WASTES: For large quantities of electronics, fluorescents, batteries or other hazardous waste, call Burbank Recycle Center (818) 238-3900.

The CONSTRUCTION MATERIALS RECYCLING ASSOCIATION is an trade group that provides support to the recycling industry and promotes the use and recycling of C&D debris. The web site is <a href="https://www.cdrecycling.org">www.cdrecycling.org</a>. Phone (818) 548-8996. Fax (818) 265-5171.

The CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD (CIWMB) created a tool to help characterize a C&D waste stream by visually estimating the composition of C&D samples. The tool helps determine the percentage of the various materials in the C&D disposed waste stream. See: <a href="https://www.ciwmb.ca.gov/Publications/default.asp?publd=1224">www.ciwmb.ca.gov/Publications/default.asp?publd=1224</a> and <a href="https://www.ciwmb.ca.gov/WasteChar/Calculator/Default.htm">www.ciwmb.ca.gov/WasteChar/Calculator/Default.htm</a>

#### DATABASES:

- Construction Directory and Demolition Recyclers, City of Los Angeles, published 2005. http://www.lacity.org/SAN/docs/c-and-d-recycling-guide.pdf
- C&D Debris Recyclers Database for Los Angeles County, published by the CIWMB, http://www.ciwmb.ca.gov/ConDemo/

#### **REUSE OPPORTUNITIES:**

- Habitat for Humanity, Pasadena, (626) 792-3838 or www.sgvhabitat.org
- CalMAX (California Materials Exchange), 877-520-9703 or www.CalMAX.org
- LA SHARES, (213) 485-1097 or www.lashares.org (For old, excess or unwanted office furniture, office equipment, office supplies, given to schools and non-profit agencies)
- The Recycler publication (818) 772-3590
- Craig's list, <u>www.losangeles.craigslist.org</u>
- Freecycle, www.freecycle.org

# <u>INSTRUCTIONS FOR COMPLETING WASTE MANAGEMENT PLANS (WMP)</u> AND RECYCLING SUMMARY REPORTS (RSR)

#### APPLICATION PROCESS:

- 1. Submit a Waste Management Plan (WMP) form with the permit application to the Building Division when applying for a Building Permit. This form can be filled out by either a contractor or homeowner/builder.
- 2. Post a refundable deposit as calculated by the formula listed on the WMP form. The applicant can either accept the default EPA pound/square foot figures (see section on deposits) or, if the permit for the project is being pulled by a licensed contractor, the contractor can choose to itemize debris on the second page of the WMP.
- 3. Recycle 50% of the solid waste tonnage as declared in the WMP by taking the debris to a recycling facility or hiring a waste hauler that recycles. A list of what qualifies as C&D debris materials is included on page 2. Inert materials removed from the project site such as dirt, natural soil and gravel do not have to be recycled and are not included in the required recycled tonnage.
- A C&D Materials Conversion Worksheet and Job Tracking Sheets are available as handouts to assist the customer in determining what materials need to be recycled and keeping track of what has been recycled. These forms are to provide assistance only and do not need to be completed or submitted to Building.
- 4. Provide documentation and a Recycling Summary Report (RSR) within 30 days of the approved final building inspection to the Building Division indicating the required amount of the construction debris was diverted. Once the RSR and recycling receipts have been confirmed, a refund request will be processed. The refund check will be mailed to the permit applicant. Construction projects that were started without required permits forfeit refund of the deposit because diversion of 50% of the total debris cannot be confirmed.

#### **INSTRUCTIONS FOR COMPLETING FORMS:**

Provided here are line-by-line instructions for completing the WMP and RSR required for all affected projects. Each project that requires a Building Permit will require its own WMP and RSR.

#### Waste Management Plan (WMP) - Part I

**Project Address:** Address where work is taking place

**Contact Information:** Fill out the contact information completely. The Contact Name should be the contractor or the homeowner/builder. Please include company name and address, or home address if homeowner/builder, phone number and email address.

For contractors who are itemizing debris, skip Questions 1 - 4 below and continue to Part II on the reverse side of the form.

**Question 1:** List square footage of the total project area next to the appropriate project type. For example, if alterations are being made to 10,000 square feet of a 100,000-square-foot office building, list 10,000 square feet for Size of Project under Non-Residential Tenant Improvement.

Question 2: Total of all pounds generated from question one

Question 3: Total from Question 2 divided by 2000 to get tons.

**Question 4:** Take the result of Question 3 and divide by 2. This will give you total amount to be recycled.

**Question 5**: Line a is \$250 for the first ton. Subtract one ton from line 4, multiply by \$50 and put the product in line b. This sum of lines a and b is the amount of the refundable deposit.

#### Waste Management Plan (WMP) - Part II

Projects with permits pulled by a licensed contractor may opt to itemize debris instead of using the pre-calculated pounds per square foot figures listed at the bottom of Part I. After completing project information, skip calculations on Part I and complete Part II.

- **Column A:** The Total Tons Debris column is an *estimate* of the **total quantity of discarded materials** by material type that will be generated from all phases (i.e. demolition and construction) of the project. Quantities must be listed in tons. If quantities are only available in yards or square feet, use the *Materials Conversion Worksheet* to convert material volume to tons.
- **Column B:** The Reuse column is for materials that are in **usable condition only.** List materials that will be reused. Examples include wood from foundation forms that will be reused on this job, usable lighting fixtures, windows, doors, lumber, cabinets, etc.
- Column C: The Recycle column is for C&D materials that will be recycled.
- **Column D:** The Disposal column is used for materials that **will not** be reused or recycled such as painted wood, pressure-treated wood, insulation and hazardous materials.

**Note:** When filling out all columns, indicate quantities in tons for each material. The quantities listed in Columns B, C, and D must add up to the quantity for that material listed in Column A. For example, if your project will generate 20 tons of concrete debris and you are planning on recycling half and disposing half, you would list 20 tons in Column A, and then put 10 tons in Column C and 10 tons in Column D.

- **Column E:** List the facility or service provider you intend to use for reusing, recycling or disposing of each material generated from your project. Appropriate facilities are listed on pages 5-7 of the **Reference Manual.** Facilities not appearing on the list must be verifiable by City staff.
- Non-Recyclable Debris: Hazardous or similar debris that may not be reused or recycled.
- Recyclable Mixed Debris: This line refers to debris generated in addition to the separated materials listed in the lines above. In order to receive credit for recycling Mixed Debris, a a facility or service recognized by the City must be utilized. Bulk Mixed Debris may not be reused. A list of facilities that provide mixed C&D debris recycling services is provided on pages 5-7. This information is also available on the Building Division's website at www.burbankca.org/building.
- Column Totals: Add up quantities listed in each column and indicate totals at the bottom.
- **Question 1:** Fill in the blanks using the quantities of C&D debris listed at the bottom of each Column Totals for B, C, and D, and divide by Column A to determine the percentage of waste reused or recycled. This amount should be equal to or greater than 50%.
- **Question 2:** Take total tons from Column A and subtract one ton. Multiply result by \$50 per ton and enter product on line b. Add line a (\$250) and line b. This sum is the amount of the **total refundable deposit**.
- Print applicant's name. Sign and date the WMP at the bottom.

### Recycling Summary Report (RSR) - Part I

The process of filling out the RSR is similar to the WMP, except that the RSR documents *actual* quantities recycled and facilities or service providers used rather than estimates. RSR quantities listed must be based on verifiable data gathered throughout the project, e.g. weight tags, gate receipts, etc.

The RSR must be submitted within 30 days of approved Final Inspection approval to obtain a refund of the recycling deposit that was collected at the time of application submittal. The RSR and accompanying receipts will be reviewed for compliance. If compliance is confirmed, a refund check will be mailed.

**Project Information:** Permit number and project address with applicant information

For contractors who itemized debris, skip Questions 1 - 4 below and continue to Part II on the reverse side of the form.

Question 1: Total amount of debris recycled from Line 4 of Part I of the WMP

Question 2: Any additional information relevant to the project's recycling.

Question 3: Date of approved final building inspection.

**Question 4**: Attach all receipts and supporting documentation that verifies at least 50% of debris was diverted from the landfill.

Print applicant's name, sign and date the form.

### Recycling Summary Report (RSR) - Part II

Part II only needs to be submitted by contractors who itemized debris and completed Part II of the Waste Management Plan (WMP).

For instructions on how to complete Part II of the RSR, see the instructions for completing Part II of the WMP on the previous page.

**Note:** Applicants who fail to divert 50% or more of the debris from their project may not receive a refund of the recycling deposit. Construction projects that were started before the issuance of a permit also forfeit refund of the deposit.



## **C&D** Materials Conversion Worksheet

Use this worksheet to convert from common construction units to *TONS*. This worksheet can be used to complete your Waste Management Plan (WMP) or Recycling Summary Report (RSR), but it does not have to be completed. WMPs and RSRs must be submitted with all materials listed in *TONS*.

<u>Step 1</u> - Calculate scrap or waste quantity for each material in typical units - square feet, board feet or cubic yards. Calculate from materials take offs and waste factors. Enter into Column I.

<u>Step 2</u> - Multiply by the conversion factor in Column II and put answer in Column III. <u>Step 3</u> - Transfer the TONS listed in Column III to the WMP or RSR, Column A, and follow the directions on those forms.

		Column I			Column II	Column III
Material Category		<u>Volume</u>	<u>Un</u>	<u>it</u>	Tons/unit	<u>Tons</u>
Asphalt/Concrete	Asphalt (broken)		су	Х	0.7	=
	Concrete (broken)		су	Х	0.9	=
	Concrete (solid slab)		су	Х	1.3	=
Brick/Masonry/Tile	Brick (broken)		су	Х	0.7	=
	Brick (whole, palletized)		су	Х	1.512	=
	Masonry block (broken)		су	Х	0.6	=
	Tile		sq ft	Х	0.00175	=
<b>Building Materials</b> (d			су	Х	0.15	=
windows/plate glass, o	cabinets)					
Cardboard			су	Х	0.05	=
Carpet	flat		sq ft	X	0.0005	=
	loose		су	Χ	0.3	=
Carpet Padding/Foar	<b>m</b> flat		су	Х		
	loose		sq ft	Χ	0.00013	=
Ceiling Tiles	whole (palletized)		sq ft	Х	0.0003	=
	loose		су	Х	0.0875	=
Drywall, new or used	1/2"		sq ft	Х	0.0008	=
	5/8"		sq ft	Х	0.00105	=
	mixed		су	Х	0.25	=
Scrap Metal			су	Х	0.453	=
Wood & Pallets	clean, unpainted		bd ft	Х	0.00138	=
(no pressure treated li	umber) loose		су	Χ	0.15	=
Non-Recyclable Deb	ris		су	Х	0.175	=
Recyclable Mixed De	ebris		су	Х	0.175	=
cy = cubic yards s	q ft = square feet	board feet				

Be prepared to provide weight tags or other verifiable documents.

# Construction & Demolition Debris Project Tracking Sheet - Part I

This sheet can be used prior to completing the C&D Debris Recycling Summary Report to help with recording the various materials that will be generated at each major phase of the project. Use of this sheet is optional, not required.

Material Type	Foundation	Floor	Frame	Final
	Reuse Recycle Dispose	Reuse Recycle Dispose	Reuse Recycle Dispose	Reuse Recycle Dispose
Asphalt & Concrete				
Brick/Masonry/Tile				
Building Materials (doors, windows, fixtures) Carpet				
Carpet Padding/Foam				
Cardboard				
Ceiling Tile (acoustic)				
Drywall (used)				
Drywall (new, unpainted sheets or scrap)				
Scrap Metal				
Unpainted Wood & Pallets				
Other (Do not include dirt)				
Mixed Debris				
Column Totals				

# Construction & Demolition Debris Project Tracking Sheet – Part II

This sheet can be used prior to completing the C&D Debris Recycling Summary Report to help with recording the various materials that will be generated at each major phase of the project. Use of this sheet is optional, not required.

Material Type	A Reused/Salvaged	B Recycled	C Disposed	D Destination
Example: Cardboard		1.5 cy, 2.5 cy, 3.5 cy	1.5 cy	Downtown Diversion
Asphalt & Concrete				
Brick/Masonry/Tile				
Building Materials (doors,windows,fixt ures)				
Carpet				
Carpet Padding/Foam (only)				
Cardboard				
Ceiling Tile (acoustic)				
Drywall (used)				
Drywall (new, unpainted sheets or scrap)				
Scrap Metal				
Unpainted Wood & Pallets				
Other (don not include dirt)				
Mixed Debris				
Column Totals				